

SIDE ONE

AFFIDAVIT OF COMPLETION FORM

12-8-39
(REV) ACO-1

This form shall be filed in duplicate with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within ten days after the completion of the well, regardless of how the well was completed.

Attach separate letter of request if the information is to be held confidential. If confidential, only file one copy. Information on side one will be of public record and side two will then be held confidential.

Circle one: Oil, Gas, Dry, SWD, OWWO, Injection. Type and complete ALL sections.

Applications must be filed for dual completion, commingling, SWD and injection, T.A.

✓ Attach wireline logs (i.e. electrical log, sonic log, gamma ray neutron log, etc.).

KCC # (316) 263-3238. (Rules 82-2-105 & 82-2-125)

OPERATOR CENTENNIAL ENERGY COMPANY

ADDRESS 2323 S. Voss Suite 370

Houston, Texas 77057

**CONTACT PERSON David R. Hoeft

PHONE 713 789-9475

PURCHASER _____

ADDRESS _____

State Geological Survey
WICHITA, BRANCH

DRILLING Excell Drilling Co.

CONTRACTOR

ADDRESS 4643 Wadsworth Blvd.

Wheatridge, Co. 80033

PLUGGING _____

CONTRACTOR

ADDRESS Not plugged

TOTAL DEPTH 1072' PBTD 1031'

SPUD DATE 5/27/82 DATE COMPLETED 6/18/82

ELEV: GR 3590 DF --- KB 3596'

DRILLED WITH (~~XXX~~) (ROTARY) (~~XXX~~) TOOLS

Amount of surface pipe set and cemented 277' DV Tool Used? No

API NO. 15-181-20225

COUNTY Sherman

FIELD Goodland

PROD. FORMATION Niobrara

LEASE H. M. Armstrong

WELL NO. #1-12

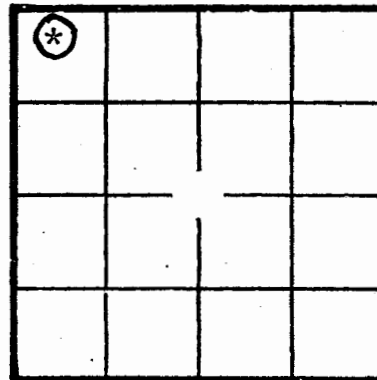
WELL LOCATION _____

660' Ft. from North Line and

660' Ft. from West Line of

the NW $\frac{1}{4}$ SEC. 12 TWP. 8-S RGE. 39-W

WELL PLAT



KCC
KGS
(Office
Use)

AFFIDAVIT

STATE OF Texas, COUNTY OF Harris SS, I, _____

David R. Hoeft OF LAWFUL AGE, BEING FIRST DULY SWORN UPON HIS OATH,

DEPOSES THAT HE IS President (~~XXX~~) (OF) Centennial Energy Company

OPERATOR OF THE H. M. Armstrong LEASE, AND IS DULY AUTHORIZED TO MAKE

THIS AFFIDAVIT FOR AND ON THE BEHALF OF SAID OPERATOR, THAT WELL NO. #1-12 ON

SIDE TWO

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOG RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface sand, shale, gravels	0	275'	Ogallala	
Shale	275'	728'	Pierre	
Shale	728'	916'	White Specks	
Chalk	916'	952'	Niobrara	
Shale	952'	1072'	-----	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used		Depth interval treated	
Frac (Western) 100,000# 10/20 and 20/40 sand,		930'-950'	
32,000 gal. water, 600 MCF of CO ₂			
Date of first production		Producing method (flowing, pumping, gas lift, etc.)	
SIGW		Flowing	
Gravity N.A.			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water
		bbls.	MCF
			%
			bbls.
			CFPB
Disposition of gas (vented, used on lease or sold)		Perforations 930'-950'	
SIGW			

Report of all strings set—surface, intermediate, production, etc. CASING RECORD (New) or (Used)

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	9½"	7"	23	277'	Common	100	None
Production	6 3/4"	4½"	9.5	1072'	RCD	80	None

None

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
None			2	0.35	930-950

None

TUBING RECORD

Size	Setting depth	Packer set at			